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Zhibin Ren, Attorney of Record

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Marcin S. Filutowicz  
Serial No.: 10/828,679  
Filed: April 21, 2004  
For: DISPLACING A PLASMID IN A BACTERIAL POPULATION  
Art Unit: 1645  
Docket No.: 960296.98725

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a completed Information Disclosure Statement by Applicant listing documents that the applicant in the above-identified application wishes to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,

Zhibin Ren

Reg. No. 47,897

## Attorney for Applicants

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

### Complete if Known

Application Number	10/828,679
Filing Date	04/21/2004
First Named Inventor	Marcin S. Filutowicz
Art Unit	1645
Examiner Name	

Attorney Docket Number 960296.98725

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
1	US- 4,806,471		02-21-1989	Molin et al.	
2	US- 5,024,938		06-18-1991	Nozaki et al.	
3	US- 5,346,818		09-13-1994	Schafer et al.	
4	US- 5,547,864		08-20-1996	Kawasaki et al.	
5	US- 5,583,040		12-10-1996	Kaji	
6	US- 5,670,370		09-23-1997	Molin et al.	
7	US- 5,853,718		12-29-1998	Molin et al.	
8	US- 5,882, 888		03-16-1999	Jorgensen	
9	US- 5,976,864		11-02-1999	Smit et al.	
10	US- 6,066,473		05-23-2000	Tangney et al.	
11	US- 6,448,082		09-10-2002	Prevots, et al.	
12	US- 2002/0006665		01-17-2002	D'Elia et al.	
13	US- 2002/0119573		08-29-2002	Shaw et al.	
14	US- 2003/0073224		04-17-2003	D'Elia et al.	
15	US- 2003/0077830		04-24-2003	D'Elia et al.	
16	US- 2003/0087440		05-08-2003	D'Elia et al.	
17	US- 2003/0092143		05-15-2003	Rabenhorst et al.	
18	US- 2003/0105008		06-05-2003	Dutta et al.	
	US-				

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> (if known)				

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

Application Number

10/828,679

Filing Date

04/21/2004

First Named Inventor

Marcin S. Filutowicz

Art Unit

1645

Examiner Name

Attorney Docket Number

960296.98725

## OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	19	URAJI, et al., "A Novel Plasmid curing method using incompatibility of plant pathogenic Ti plasmids in Agrobacterium tumefaciens," Genes Genet. Syst. (2002) 77, p. 1-9.	
	20	HAGEGE, et al., "Regulation of transfer functions by the imp locus of the Streptomyces coelicolor plasmidogenic element SLP1," Journal of Bacteriology, 199, 181: 19, 5976-83.	
	21	MOORE, et al., "Genome organization of the Pseudomonas aeruginosa narrow host range plasmid R91-5 determined by deletion and cloning analysis," Genetical Research	
		1985, 45:2, 195-198.	
	22	HENRY, et al., "A facile and reversible method to decrease the copy number of the ColEl-related cloning vectors commonly used in Escherichia coli," Journal of	
		Bacteriology 1989, 171:10, 5254-61.	
	23	FILUTOWICZ, et al., "DNA and protein interactions in the regulation of plasmid replication," J. Cell Sci. Suppl. 7, 15-31 (1987).	
	24	NOVICK, "Plasmid incompatibility," Microbiol. Rev. 1987 p. 381-395.	
	25	KIM, et al., "Copy number of the broad-host range plasmid R1162 is determined by the amounts of essential plasmid-encoded proteins," J. Mol. Biol., 185: 755-767, 1985.	
	26	HELINSKI, et al., "Replication control and other stable maintenance mechanisms of plasmids," p. 2295-2324 in NEIDHARDT et al., ed., "Escherichia Coli and Salmonella Cellular & Molecular Biology." 2d ed. v. 2. ASM Press. Washington DC.	

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